

## **CHAPTER 10**

### **UTILITIES**

Utilities considerations generally include a review of existing utility easements, visual inspections/locates, and procedures for utility clearance. The Program Manager/Project Manager should include the Utilities Engineers at the design scoping review, the preliminary design review and the final design review meetings. Coordination of utility issues early in the process to minimize conflicts is important to the process of the project.

Refer to the **Utilities** chapter within **PART II** of this manual, for more information on addressing dry utilities considerations.

#### **10.1 Dry Utilities**

The Program Manager/Project Manager must confer with Public Space Administration concerning all utilities in public space.

##### **10.1.1 Project Manager Responsibilities**

The Project Manager must coordinate with representatives of all dry utilities impacted by the project to:

- Ensuring that existing utility lines and any relocations requirements are accurately shown and/or reflected in the Plans, Specification and Estimate package.
- In consultation with the dry utilities representative, make further investigations as needed to verify utility conflicts.
- Ensure that any utility involvement is properly scoped, programmed, budgeted, and authorized.
- Negotiate necessary utility agreements and/or permit.

##### **10.1.2 Utility Company Responsibilities**

The utility companies must:

- Identify, verify, and locate known utilities within project limits.
- Verify utility conflicts.
- Coordinate necessary utility relocations.
- Draft project utility specifications.
- Provide documentation for project utility clearance.

#### **10.2 Water, Sewer, and storm sewer**

The Program Manager/Project Manager must confer with Water and Sewer Authority concerning all issues related to water, sewer and storm waste.

### **10.2.1 WASA Engineer**

The WASA Utility Engineer's duties related to water, sewer and storm water include, but are not limited to:

- Identifying, verifying, and locating known utilities within project limits.
- Verifying utility conflicts.
- Coordinating necessary utility relocations.
- Negotiating necessary utility agreements and/or permits.
- Drafting project utility specifications.
- Issuing project utility clearance.
- Processing utility billings.
- Advising the Project Manager on utility issues.
- Assisting with developing or processing of utility agreements.
- Assisting with obtaining utilities authorizations as needed.

### **10.2.2 Project Manager Responsibilities**

- Ensure that existing utility lines and any relocations requirements are accurately shown and/or reflected in the Plans, Specification and Estimate package.
- In consultation with the WASA Utility Engineer, make further investigations as needed to verify utility conflicts.
- Ensure that any utility involvement is properly scoped, programmed, budgeted, and authorized.